From the

INTERNATIONAL	SEARCHING	ATITHORIT	v

10:
MARK J ITRI
MCDERMOTT WILL & EMERY
18191 VON KARMAN AVENUE
SUITE 400
IRVINE, CA 92612-7107

PCT

MCDERMOTT WILL & EMERY 18191 VON KARMAN AVENUE SUITE 400		WRITTEN OPINION OF THE			
IRVINE, CA 92612-7107		INTERNATIO	ONAL SEARCHING AUTHORITY		
		(PCT Rule 43bis.1)			
		Date of mailing (day/month/year) in 7 AUG 2005			
Applicant's or agent's file reference	***************************************	(day/month/year) FOR FURTHER	ACTION		
070602-0519		See paragraph 2 below*			
International application No.	International filing date ((day/month/year) Priority date (day/month/year)			
PCT/US04/33736	14 October 2004 (14.10.2	0.2004) 14 October 2003 (14.10.2003)		04 (14.10.2004) 14 October 2003 (14.10.2003)	
International Patent Classification (IPC)	or both national classificati	on and IPC			
IPC(7): B64G 1/26 and US Cl.: 244/169					
Applicant					
LOCKHEED MARTIN CORPORATION	N .				
1. This opinion contains indications relating to the following items:					
Box No. I Basis of the	opinion	on.			
Box No. II Priority					
Box No. III Non-establi	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV Lack of uni	Lack of unity of invention				
	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. VI Certain doc	ain documents cited				
Box No. VII Certain defe	ects in the international app	al application			
Box No. VIII Certain obs	Certain observations on the international application				
2. FURTHER ACTION					
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.					
For further options, see Form PCT/ISA/220.					
3. For further details, see notes to Form PCT/ISA/220.					
Name and mailing address of the ISA/ US		Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Teri Luu			
P.O. Box 1450 Alexandria, Virginia 22313-1450		U Tolombono No. 671 272 7046			
Alexandra, Virginia 22313-1450 Facsimile No. (703) 305-3230 Telephone No. 571-272-7045					





International application No.

PCT/US04/33736

Box No. I Basis of this opinion				
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.				
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).				
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:				
a. type of material				
a sequence listing				
table(s) related to the sequence listing				
b. format of material				
in written format				
in computer readable form				
c. time of filing/furnishing				
contained in international application as filed.				
filed together with the international application in computer readable form.				
furnished subsequently to this Authority for the purposes of search.				
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
4. Additional comments:				





International application No. PCT/US04/33736

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement	·				
Novelty (N)	Claims	NONE	YES		
, ,		1-24			
Laurentina and (19)	Clair.	NOVE	VEC		
Inventive step (IS)		NONE 1-24			
	Ciuino	1 2 1	.,,,		
Industrial applicability (IA)	Claims	1-24	YES		
	Claims	NONE	NO		
2. Citations and explanations: Claims 1-24 lack novelty under PCT Article 33(2)	as being anticipa	ted by Glogowski et al.			
Glogowski et al disclose a system that control attitu momentum associated with adjusting the plurality	ide which uses g of reaction whee	imbaled HCTs associated with assemblies.	the spacecraft to control the		
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Form PCT/ISA/237 (Box No. V) (January 2004)